

Dear ATLAS user,

This is the second announcement of the ATLAS User Group Meeting that will take place on July 31/August 1, 2004, immediately following the Limits'04 Meeting at ANL. You will find attached a Program for the meeting, with proposed Working Groups. As was mentioned in the previous announcement, you are welcome to make suggestions about possible topics for Working Group discussions.

As an ATLAS user, you are very strongly encouraged to attend this meeting for a number of reasons. First, you will have the opportunity to engage with your fellow users, and discuss new research avenues. Also, you will have the chance to make your voice heard on various issues that affect the quality of life for users. But most importantly, you can claim your stake in the future of ATLAS. The Physics Division at ANL is in the process of assembling a long-term strategic plan for the scientific program of the ATLAS facility, and the ATLAS user community must play an essential role in that process.

At this meeting, you will hear presentations on a number of possible future initiatives being considered for ATLAS, and discuss these and other ideas in the working group sessions. These include the installation of the capability to accelerate fission fragments from a Californium source, and a number of new developments in instrumentation. We will have the opportunity to compare our vision of the future with the guidelines of the most recent NSAC long range plan, as well as the so-called DOE milestones formulated by NSAC. In other words, this is our opportunity to shape the direction of the future research program at ATLAS in the exciting, challenging time between now and the arrival of RIA, wherever it is built. We (the User Executive Committee) strongly urge you to take full advantage of this opportunity.

In preparation for this meeting, the plan is to make background information about some of the possible initiatives being considered available on the ANL Physics Division web site (www.phy.anl.gov). You will be notified when this material becomes available.

Please contact Barbara Weller (weller@phy.anl.gov) using the included short form to indicate your intention to attend this meeting, and any member of the User Executive Committee if you wish to propose a topic or short presentation for one of the Working Group sessions.

This is an important meeting that affects us all – we hope to see you there!

The ATLAS User Executive Committee:

Jolie Cizewski (cizewski@physics.rutgers.edu)

Susan Fischer (fischer@phy.anl.gov)

Walter Reviol (reviol@wuchem.wustl.edu)

Alan Wuosmaa (Chair) (alan.wuosmaa@wmich.edu)

and

Paul Fallon (Chair of the Gammasphere Users Group) (pfallon@lbl.gov)

Please check the following items, and cut and paste your responses into your communication to Barbara Weller (weller@phy.anl.gov):

I plan to attend the Users Meeting _____
I do not plan to attend the Users Meeting _____
I plan to make a presentation in a Working Group Session _____
(If checked, indicate session title: _____)

Draft Program for ATLAS User Group Meeting – July 31/August 1, 2004

Saturday, July 31, 2004:

Morning session:

- Welcome (10 minutes)
- Facility Status (30+5 minutes)
- General User Issues (30+5 minutes)
 - PAC report
 - User Satisfaction Survey
 - User input to future scientific program and discussion of DOE milestones
 - Other issues (e.g. Laboratory access)

Break

- New Equipment/Experimental Initiatives/Opportunities
 - Californium Source Upgrade (15+5 minutes)
 - Radioactive Beams at ATLAS (15+5 minutes)
 - Advanced Penning Trap (15+5 minutes)
 - Gammasphere Status and plans (15+5 minutes)
 - Data Acquisition Upgrade (15+5 minutes)

Lunch

Afternoon Sessions: (Parallel working groups) (1:30 – 5:00 with break)

- Nuclear Reactions and Nuclear Structure:
 - Including detailed Gammasphere issues not covered in the first session
- Nuclear Astrophysics and Nuclear Structure:
 - Astrophysics measurements, and experiments with radioactive beams
- Weak Interactions/Mass measurements/Fundamental Interactions:
- AMS/Applications:

Sunday, August 01, 2004:

(Morning only)

- Summary reports from Working Groups (20+5 minutes each)
 - Nuclear Structure
 - Astrophysics
 - Traps
 - Applications

Break

- Open Panel Discussion of Issues and Long Range Strategic Plan
- Celebration of 20 Years of ATLAS
- Close